

## ABSTRACT

A magnetic head testing apparatus includes reference information storing means for holding a predetermined reference sampling period and a number of reference samplings, sampling means for sampling reproduced data read a plurality of times from a magnetic medium in the reference sampling period, sampling number acquiring means for acquiring a sampling number of measured data from a reproduced data base on a sampling result, sampling number ratio calculating means for calculating a ratio of the sampling number of the measured data and the number of reference samplings, sampling data re-acquiring means for changing the sampling period of the measured data depending on the calculated ratio and re-acquiring the sampling data and a measured data overlap-displaying means for overlap-display of the sampling data re-acquired from the measured data a plurality of times.